

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/054,359
Filing Date	January 17, 2002
First Named Inventor	Paul Chen
Title	Efficient Head Related Transfer Function Filter Generation
Group Art Unit	2121
Examiner Name	Unknown
Attorney Docket Number	0120101

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I hereby appoint:

☐ Practitioners at Customer Number 

OR

☒ Practitioner(s) named below:

Name	Registration Number
Michael Farjami, Esq.	38135
Farsnad Farjami, Esq.	41014
Joseph H. Lee, Esq.	37664
Semion Talpalatsky	35380

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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Individual Name

Farshad Farjami, Esq.

Farjami &amp; Farjami LLP

Address 16148 Sand Canyon

Address

City Irvine State California Zip 92618

Country U.S.A.

Telephone (949) 784-4600 Fax (949) 784-4601

I am the:

☐ Applicant/Inventor☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name Joseph H. Lee, Esq.

Signature ☒

Date

10/2/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Chen et al.Application No./Patent No.: 10/054,359 Filed/Issued Date: 1/17/2002Entitled: Efficient Head Related Transfer Function Filter Generation

Conexant Systems, Inc. \_\_\_\_\_, a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel/Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Paul Chen and Harry Lau To: Conexant Systems, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

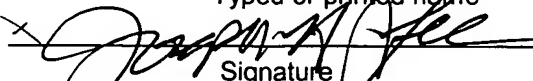
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

10/2/02  
Date

Joseph H. Lee, Esq.

Typed or printed name

  
Signature

Chief IP Counsel

Title

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, **PAUL CHEN**, a citizen of **UNITED STATES OF AMERICA**, and **HARRY LAU**, a citizen of **UNITED STATES OF AMERICA** (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled "**EFFICIENT HEAD RELATED TRANSFER FUNCTION FILTER GENERATION**" for which application for Letters Patent of the United States of America has been executed on even date herewith; and

WHEREAS, **CONEXANT SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the **DELAWARE** and having its place of business at **4311 JAMBOREE ROAD, NEWPORT BEACH, CALIFORNIA 92660-3095** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal

equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at

Newport Beach

X, this 14 day of January, 2002.

Paul Chen  
PAUL CHEN

STATE OF

California

COUNTY OF

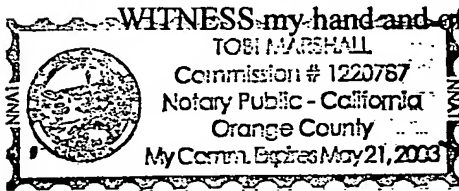
Orange

) ss

On Jan. 14, 2002 before me, Tobi Marshall, personally appeared  
PAUL CHEN

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their

signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Tobi Marshall  
Notary Public in and for said County and State

WITNESS my hand at

Newport Beach  
this 11 day of January, 2002.

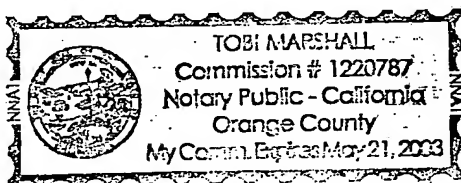
Harry Lau  
HARRY LAU

STATE OF California )  
COUNTY OF Orange ) ss

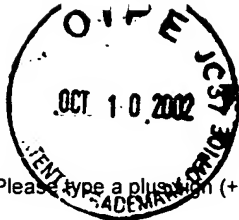
On Jan. 11, 2002 before me, Tobi Marshall, personally appeared  
HARRY LAU

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Tobi Marshall  
Notary Public in and for said County and State



2121

Please type a plus sign (+) inside this box



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/054,359	
	Filing Date	Jan 17, 2002	
	First Named Inventor	Chen, Paul	
	Group Art Unit	2121	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	6	Attorney Docket Number	0120101

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ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Statement Under 37 CFR 3.73(b) and copy of Assignment
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	2. Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Farshad Farjani, Esq. Reg. No. 41014 Farjani & Farjani LLP
Signature	
Date	October 3, 2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: October 4, 2002			
Type or printed name	Lon Slave	Date	October 4, 2002
Signature			

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